

NDB LIST CLE No. 111 DX and 'Home' 21 - 24 Nov. 2008 midday - midday local time

**COMBINED RESULTS
REST OF THE WORLD**

For overall statistics, please see the covering email.

Reporters:

AUS	SA	b9	Bev M Ewen-Smith, at Nuriootpa, S Australia
AUS	TA	rw	Bob Warren, New Norfolk
CAN	ON	mf	Martin Francis, Richmond Hill, N. of Toronto
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
KOR		fm	Fred Mooney, Seoul, Korea
USA	AZ	dp	Dick Palmer, Green Valley
USA	CA	dn	Don Tomkinson, Upland
USA	CA	mh	Mark Harms, San Jose
USA	CA	pa	Phil Atchley, Merced, Central California
USA	CO	eb	Eike Bierwith, Boulder
USA	IL	dt	Dave Tomasko, Galena
USA	MI	ar	Andy Robins, Kalamazoo
USA	MN	pf	Paul LaFreniere, Grand Marais
USA	OR	jw	Jack Woods, Waldport, Oregon coast
USA	OR	mc	Mark McCarthy, Portland
USA	OR	sr	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	al	Al Burzynski, San Antonio
USA	TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	mu	Mark Moulding, Ogden
USA	VA	td	Tom Dawson, Round Hill

For full details, please see the individual reporters' logs,
as previously posted by them to the List.

If you spot an omission or problem in your own details below
please let me know (cle'at'beaconworld.org.uk
- replace the 'at' by an '@' symbol)

BEACONS HEARD:

Beacons are shown in kHz order within each Country and State/Province

Any UNIDs and Offshore NDBs appear at the end of the list.

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

(e.g. 8 indicates logged between 08:00-08:59 UTC)

Cou	St	kHz	Call	Location	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td
ALS	-	209	CYT	Yakataga				8				9	3					13	15	7				
ALS	-	219	GAV	Gustavus								6	9											
ALS	-	229	AKW	Klawock								4												
ALS	-	233	ALJ	Johnstone Point Is.				8		8		3			13			13	14	5				
ALS	-	251	OSE	Bethel								10								14				
ALS	-	257	CUN	Fairbanks																14				
ALS	-	263	CQR	Chandalar Lake																14				
ALS	-	266	ICK	Annette Island				9				6	4											
ALS	-	272	UTO	Utopia Creek																14				
ALS	-	277	ACE	Homer															6					
ALS	-	281	CRN	Sparrevohn				9										13	15	13				
ALS	-	281	VIR	Point Barrow														13		14				
ALS	-	283	DUT	Dutch Harbor				9		7		5						13	14	7				
ALS	-	338	CMQ	Anchorage																14				
ALS	-	341	ELF	Cold Bay				5				10	6					14	13	7			14	
ALS	-	350	VTR	McGrath				5				9							13	7				
ALS	-	355	AK	King Salmon Saldo														13		8				
ALS	-	356	FOX	Fox																14				
ALS	-	371	PDN	Port Heiden				5										14	14					
ALS	-	376	PVQ	Deadhorse																14				
ALS	-	379	IWW	Kenai Wildwood								7							6					
ALS	-	382	JNR	Unalakleet				7				7						14	7	9				
ALS	-	385	EHM	Cape Newenham				7				8	7						13	9				
ALS	-	385	OCC	Yakutat																9				
ALS	-	387	BOB	Anchorage								7							6	9				
ALS	-	390	AES	Northway								8												
ALS	-	390	HBT	Sand Point				5				8	8					14	5	7			5	
ALS	-	391	EEF	Sisters Island								7	8										13	
ALS	-	394	RWO	Kodiak								7	7					14	14	9				
ALS	-	399	SRI	St George				9												6				
ALS	-	404	GCR	Cordova																14				
ALS	-	411	ILI	Iliamna															7	14				
ALS	-	414	IME	Sitka								9												
ALS	-	524	MNL	Valdez								9								9				
ALS	-	525	ICW	Nenana				7				8	9		11			14	13	7		10	6	

AUS	TA	296	FLI	Flinders Is.		0														
AUS	TA	362	HB	Hobart		0														
AUS	TA	374	TTR	Tea Tree		0														
AUS	TA	392	STH	St Helens		17														
AUS	VI	275	CWS	Cowes		0														
AUS	VI	326	NHL	Nhill	4															
AUS	VI	338	MCO	Mallacoota		0														
AUS	VI	350	ESL	East Sale		0														
AUS	VI	383	WON	Wonthaggi		9														
AUS	VI	386	CRG	Corryong		17														
AUS	VI	389	YWE	Yarrowee		17														
AUS	VI	395	WBL	Warrnambool		17														
AUS	VI	398	MB	Moorabbin		17														
AUS	VI	407	SWH	Swan Hill		16														
AUS	VI	413	SBG	Strathbogrie		16														
AUS	VI	486	LTV	Latrobe Valley		16														
BAH	-	376	ZIN	Great Inagua					2				1	5			6		10	
BAH	-	526	ZLS	Stella Maris					3			5	0	4			5	0	10	10
BRA	-	520	BHZ	Belo Horizonte									0	4			4			
BRB	-	345	BGI	Bridgetown		3							6							2
CAN	AB	201	ZXD	Edmonton					6				12							
CAN	AB	207	PY	Fort Chipewyan					8											
CAN	AB	221	9A	Hanna															10	
CAN	AB	221	QU	Grand Prairie					12	5			11						10	
CAN	AB	230	VG	Vermillion															10	
CAN	AB	239	OJ	High Level					8		10	3	4	7					10	
CAN	AB	241	YLL	Lloydminster					6										10	
CAN	AB	251	4O	Swan Hills									4							
CAN	AB	254	SM	Fort Smith					6		8	10	4						10	
CAN	AB	254	ZYC	Calgary									11							
CAN	AB	266	XD	Edmonton					9				5					11	10	
CAN	AB	272	YLB	Lac La Biche					7			9	12	4				10	10	
CAN	AB	274	Z5	Vulcan					7											
CAN	AB	276	3H	Consort									5						10	
CAN	AB	287	PE	Peace River					9			5	2	6					10	
CAN	AB	292	ZET	Edmonton									12						10	
CAN	AB	295	8C	Fairview								5	13							
CAN	AB	299	TV	Turner Valley					10				12	4						

CAN	AB	305	Z1	Three Hills							5								
CAN	AB	308	ZZD	Edmonton															10
CAN	AB	311	9Y	Pincher Creek															10
CAN	AB	320	YQF	Red Deer									12	4					10
CAN	AB	332	XH	Medicine Hat				13									3		10
CAN	AB	334	P2	Wetaskiwin									12						10
CAN	AB	338	ZU	Whitcourt									12						10
CAN	AB	343	YZH	Slave Lake			8	9			10	6	5					3	10
CAN	AB	344	YC	Calgary				3					2	4				3	10
CAN	AB	344	YOP	Rainbow Lake									4						10
CAN	AB	361	E3	Wabasca							7		12						10
CAN	AB	375	8H	St Paul							8		1						10
CAN	AB	376	K2	Olds Didsbury									1						10
CAN	AB	379	ZEG	Edmonton				3					12						10
CAN	AB	388	3Z	Taber															6
CAN	AB	388	JW	Pigeon Jumping Pound Creek				3					1	6					6
CAN	AB	388	MM	Fort McMurray							8								6
CAN	AB	393	8N	Edson				12					3						3
CAN	AB	398	YOD	Cold Lake															3
CAN	AB	405	2K	Camrose				10					1						3
CAN	AB	406	2S	High Prairie							6		11						10
CAN	AB	408	Z7	Claresholm				11											10
CAN	BC	200	UAB	Anahim Lake			7	1					0	5					10
CAN	BC	203	YBL	Campbell River				8					11						10
CAN	BC	203	ZKI	Kitimat				11					11						10
CAN	BC	206	EF	Castlegar				13					12						10
CAN	BC	214	LU	Abbotsford				8					11						10
CAN	BC	218	PR	Prince Rupert			8	13			2								10
CAN	BC	223	YKA	Kamloops				8					13						10
CAN	BC	227	CG	Castlegar				8					2	5					10
CAN	BC	230	YD	Smithers							3		12						10
CAN	BC	236	YZA	Ashcroft				8					12					12	10
CAN	BC	242	XC	Cranbrook				1					2	6				10	10
CAN	BC	242	ZT	Port Hardy															10
CAN	BC	245	HE	Hope				12					12						10
CAN	BC	246	ZXJ	Fort Saint John							5		12						10
CAN	BC	251	YCD	Nanaimo				9					11	4				11	10
CAN	BC	257	LW	Kelowna				12					12						10

CAN BC	260	YSQ	Atlin			9			4											
CAN BC	269	YK	Castlegar					9												10
CAN BC	272	XS	Prince George			9														10
CAN BC	280	V6	Salmon Arm																	10
CAN BC	290	YYF	Penticton			9		9				12		5				12		10
CAN BC	293	MB	Mill Bay									12								
CAN BC	312	UNT	Naramata Penticton									12								
CAN BC	325	YJQ	Bella Bella																	10
CAN BC	326	DC	Princeton			5		2												10
CAN BC	332	XT	Terrace						11											
CAN BC	344	XX	Abbotsford			6		10				1								
CAN BC	346	N9	Tumbler Ridge									11								
CAN BC	350	NY	Enderby			11	5	3				0	6	11				2		10
CAN BC	359	YAZ	Tofino			6						4								10
CAN BC	359	YQZ	Quesnel			5		10	7			0	4							10
CAN BC	364	4D	Helmet																	10
CAN BC	368	SX	Cranbrook Skookum					3				1	4							10
CAN BC	368	ZP	Sandspit			8	7	2	7			12	3					13		10
CAN BC	374	EX	Kelowna					11				11								10
CAN BC	382	YE	Fort Nelson			5		12	6									11		
CAN BC	385	WL	Williams Lake			5		3	5			1	6	7				11		10
CAN BC	389	YWB	Kelowna					2				1	5	7						3
CAN BC	394	DQ	Dawson Creek					12		7	8	1	7							3
CAN BC	400	QQ	Comox			7		3				1	3	8				2		3
CAN MB	207	YNE	Norway House					6			2							11		10
CAN MB	212	YGX	Gillam					11			9									10
CAN MB	224	DN	Dauphin					6	6		9							2		10
CAN MB	244	TH	Thompson					1	11		3					6		11		10
CAN MB	248	WG	Winnipeg			7		1	12		3							11		
CAN MB	250	FO	Flin Flon			11	9	1			3							11		10
CAN MB	263	3Z	Russel							8										
CAN MB	269	UDE	Delta					9			9									10
CAN MB	275	AV	Winnipeg St Andrews					7											10	
CAN MB	280	4B	Little Grand Rapids													6				
CAN MB	280	4T	Shamattawa														7			10
CAN MB	284	QD	The Pas			9		2			5							12		10
CAN MB	287	ZWG	Winnipeg					9			5									
CAN MB	300	YIV	Island Lake					2			5					9		10		

CAN	ON	233	QN	Nakina			3			1			3					5		10		
CAN	ON	235	CN	Cochrane			3						5					5		10		
CAN	ON	236	4L	Chatham			3															
CAN	ON	236	OW	Ottawa			3													10		
CAN	ON	236	ZRJ	Round Lake			3						5					5		10		
CAN	ON	241	HF	Hearst			4											5		10		
CAN	ON	242	YMY	Ear Falls			4													10		
CAN	ON	245	YZE	Gore Bay			4			1			3					5	3			
CAN	ON	247	YLH	Landsdowne House			4			9			10					5	11	10		
CAN	ON	248	KZ	Toronto Buttonville			4															
CAN	ON	257	TZ	Toronto Is. Gibraltar Pt			4															
CAN	ON	257	YXR	Earlton			4			9										10		
CAN	ON	258	ZSJ	Sandy Lake			4			2			4					5		11	10	
CAN	ON	260	YAT	Attawapiskat			4			9				9				6	11	10	4	
CAN	ON	261	GD	Goderich			4															
CAN	ON	263	YGK	Kingston			4											3		10		
CAN	ON	263	ZQT	Thunder Bay			4			9								3				
CAN	ON	264	ZPB	Sachigo Lake			4			9			4					9	6	11	10	
CAN	ON	266	YFH	Fort Hope			4			2								6		10	4	
CAN	ON	266	ZHM	Hamilton			4											6				
CAN	ON	268	S7	Hanover			4															
CAN	ON	272	YQA	Muskoka			4			9			4					7	10			
CAN	ON	274	YPM	Pikangikum			4			9			4					9		10	10	
CAN	ON	276	YEL	Elliot Lake			4			9			8					4	10			
CAN	ON	283	PT	Pelee Island			4			9			5					4				
CAN	ON	300	YOG	Ogoki Post			4			2												
CAN	ON	317	ZZR	Trenton			4															
CAN	ON	326	VV	Wiaraton			4													3		
CAN	ON	326	YQK	Kenora			4			2			5						3			
CAN	ON	328	YTL	Big Trout Lake			4			2	11	10	5					7	7	3	10	5
CAN	ON	329	YHN	Homepayne			4			2		8	5					7	3	10		
CAN	ON	332	QT	Thunder Bay			4			2								4	3			
CAN	ON	334	YER	Fort Severn			11	8		2				10				8	8	3	10	5 2
CAN	ON	334	YSH	Smiths Falls			4															
CAN	ON	335	YLD	Chapleau			4			2			5					8	8	3		5
CAN	ON	335	ZKF	Kitchener			4											8				
CAN	ON	341	YYU	Kapuskasing			5			2			6	5				8	3	10		
CAN	ON	341	ZLP	Toronto			5											8				

CAN	ON	344	ZOW	Ottawa Nepean		5												10		
CAN	ON	344	ZSB	Sudbury		5														
CAN	ON	346	YXL	Sioux Lookout		5	8		3	10	9	6				5		2	10	
CAN	ON	350	D7	Kincardine		3										8				
CAN	ON	353	F7	Georgian Bay		11														
CAN	ON	353	QG	Windsor		5										8				
CAN	ON	355	YWP	Webequie		5					10	6				6	2	2	10	5
CAN	ON	362	SB	Sudbury		5			10	7				5			4			
CAN	ON	368	ZYZ	Toronto		12														
CAN	ON	376	YAG	Fort Frances		11			10			7						12		
CAN	ON	377	YRR	Ottawa Greely		11										2			10	
CAN	ON	379	YPQ	Peterborough		11														
CAN	ON	382	YPL	Pickle Lake		11			3			8				3	11	10		
CAN	ON	385	ZDH	Toronto Riverhead Park		11														
CAN	ON	388	H7	Manitoulin East		11										3				
CAN	ON	391	OO	Oshawa		11														
CAN	ON	393	2M	Opapimiskan Lake		11										2			3	
CAN	ON	397	ZHA	Ancaster Hamilton		11										5				
CAN	ON	398	ZQG	Windsor						4										
CAN	ON	399	ZHD	Dryden		11			3			8				7		2		
CAN	ON	401	YPO	Peawanuck		11	8		3		6	8		3		7	2	2	3	
CAN	ON	403	ZTO	Toronto		11										2				
CAN	ON	404	ZYB	North Bay		11			3							5				
CAN	ON	408	SN	St Catharines		11										5				
CAN	ON	409	YTA	Pembroke		11						6				1	3	10		
CAN	ON	413	YHD	Dryden		11	8		3	4	6	8				4		3		
CAN	ON	516	YWA	Petawawa		11						9					0	10	10	
CAN	PE	254	5B	Summerside										0						
CAN	QC	213	YRC	Chicoutimi												4				
CAN	QC	218	YUY	Rouyn					1											
CAN	QC	220	BX	Blanc Sablon								4		0	4		4		10	3
CAN	QC	230	QB	Quebec															10	
CAN	QC	230	YBM	St Bruno de Guigues															10	
CAN	QC	232	GP	Gaspé										0			5		10	
CAN	QC	235	9H	La Grande 3															10	
CAN	QC	239	VO	Val d'Or					8								5	3	10	
CAN	QC	243	YVB	Bonaventure								5		0			5		10	
CAN	QC	253	YTF	Alma													5		10	

CAN	SK	302	QW	North Battleford					2					4					10		
CAN	SK	317	VC	La Ronge		8	9		2			5		4				3		10	
CAN	SK	332	VT	Buffalo Narrows			8					5									
CAN	SK	337	7D	Hudson Bay																	10
CAN	SK	347	PA	Prince Albert					10		10	6									10
CAN	SK	356	ZXE	Saskatoon							9										10
CAN	SK	368	VX	Dafoe						7	9										10
CAN	SK	372	ZPA	Prince Albert								7									10
CAN	SK	379	YBE	Uranium City			7		3			7	7	12	6						10
CAN	SK	384	3F	Ile a La Crosse								8									6
CAN	SK	385	QV	Yorkton																	10
CAN	SK	397	ZSS	Saskatoon					3		7										3
CAN	SK	398	3D	Cumberland House																	3
CAN	SK	406	YLJ	Meadow Lake			8		3		6	8		3					3		10
CAN	SK	410	6Z	La Loche								8		3							10
CAN	SK	414	ZRG	Regina					11										11		10
CAN	YT	269	ZW	Teslin							8			4							10
CAN	YT	302	XY	Whitehorse			6					5		4					7		10
CAN	YT	329	PJ	Whitehorse/Robinson							8										10
CAN	YT	341	DB	Burwash			8		10	11	10	6		13		3	6	8			10
CAN	YT	365	MA	Mayo			7				8	7		3			7	3			10
CAN	YT	378	ZFA	Faro						6	9	7		3		13		3			10
CHN	-	338	HKG	Cape d'Aguilera, Hong Kong				14													
CHN	-	445	LS	Harbin Shuiquan														15			
CKS	-	352	RG	Rarotonga						9								9			
CLM	-	210	CLO	Cali														4			
CLM	-	340	BOG	Bogata					7					4	3			6	3		
CLM	-	385	ARA	Araracuara																	6
CLM	-	400	PIE	Piedecuestra								6							2		3
CTR	-	212	FIO	Fiora																	10
CUB	-	230	UCL	Cayo Largo del Sur										2				5			
CUB	-	268	UBY	Bayamo					9						4			3			3
CUB	-	353	UHG	Holguin																	10
CUB	-	380	UCY	Cayojabo								8		2				6			
CYM	-	344	ZIY	Georgetown Grand Cayman					2					2	5			4	3		
CYM	-	415	CBC	Cayman Brac. West End								6									
DMA	-	260	DCF	Canefield										3				7			
DMA	-	273	DOM	Melville Hall										1	6			7			

DOM -	450	PPA	Puerto Plata			7	8						5		2	8	0	10	10				
EQA -	365	PAL	Palma										4						10				
FSM -	366	PNI	Pohnpei Island				9								14		8						
GRL -	399	UP	Upernavik									5	4				5						
GTM -	340	REU	Retalhuleu																10				
GTM -	375	GUA	Guatemala City								7						6		10				
GTM -	385	TKL	Tikal Santa Elena								7						5						
HND -	370	LMS	San Pedro Sula																10				
HWA -	242	HN	Honolulu Ewabe				22																
HWA -	327	VYI	Kahului Valley Is				22											14					
HWA -	332	POA	Pahoa				22		9	11		5				13	14	6			12		
HWA -	339	BSF	Camp Pohakuloa				22																
HWA -	353	LLD	Lanai				22		12	8	7	6		12		13	5	6		10	5		
HWA -	373	HHI	Wahiawa				22											8					
INS -	375	OJ	Hasanuddin																		14		
JPN -	214	XA	Oshima																		8		
JPN -	257	CI	Chichijima																		15		
JPN -	373	PQ	Tateyama																		14		
JPN -	390	HK	Kagoshima																		14		
KOR -	381	RE	Pyeongtaek					13															
MDW -	400	MDY	Midway				8									15							
MEX -	214	CHX	Choix Sinaloa															4					
MEX -	382	GRN	Guerrero Negro				7																
MEX -	400	ENS	Ensenada				8																
MHL -	316	MAJ	Majuro Atoll																		14		
MHL -	359	NDJ	Kwajalein																		14		
MTS -	343	ML	Minami Torishima													14	13	8					
NFK -	260	NF	Puppy's Point Norfolk Is.													14		13					
OCE -	377.5	MO	Moorea															9					
PAQ -	280	IPA	Isla de Pascua (Easter Is)						9			8						7	10	10	7		
PNG -	1737	KUT	Kutubu / Kumul Platform													14							
PNR -	440	CHE	Chitré															5			10		
PTR -	391	DDP	San Juan Dorado			4	5		3	5	7	8	6	0	5	7	1	6	0	1	3	7	2
SAP -	387	SPP	San Andres Is.				9		3		11			0	5			6			6		2
SLM -	348	HN	Honiara							9													
SMA -	403	TUT	Pago Pago				8												9				
SMO -	270	FA	Faleolo				9												6				
TUA -	284.5	MH	Manihi Atoll																8				

USA	CA	370	PAI	Pacoima					6		4										
USA	CA	371	UK	Ukiah						3	21										
USA	CA	374	LV	Livermore					6	8	21										
USA	CA	378	CPM	Compton					6		21										
USA	CA	379	SF	San Francisco					6	8	21										
USA	CA	385	MR	Monterey					6	8	21										
USA	CA	397	SB	San Bernardino					4	8	21									10	
USA	CA	404	MOG	Montague			5		4	6	21		1	4					12	3	
USA	CA	526	RWE	Camp Roberts					3	8	21										
USA	CO	260	AP	Denver																	18
USA	CO	321	FT	Denver																	19
USA	CO	329	TAD	Trinidad																	19
USA	CO	335	IHS	Fort Carson																	19
USA	CO	348	DC	Greeley																	19
USA	CO	373	TF	Pueblo																	19
USA	CO	392	BAJ	Sterling																	7
USA	CO	400	FN	Fort Collins																	19
USA	CO	400	VQ	Alamosa																	7
USA	CO	407	CO	Colorado Springs																	19
USA	DC	346	IA	Washington Chantilly (DC/VA?)																	12
USA	FL	206	VNC	Venice							3								4		
USA	FL	257	SQT	Melbourne															6		
USA	FL	260	MTH	Marathon									2						5		
USA	FL	332	FIS	Key West							5								3		
USA	FL	344	JA	Jacksonville															8		
USA	FL	379	TL	Tallahassee							8										
USA	FL	388	AM	Tampa					3	9	8							6	3		
USA	GA	219	AY	Waycross															4		
USA	GA	385	EMR	Augusta															3		
USA	GA	415	DJD	Canton															5		
USA	GA	432	MHP	Metter							5								0		
USA	IA	230	RDK	Red Oak							4										
USA	IA	248	GGI	Grinnell							3								8		
USA	IA	257	PEA	Pella															3		
USA	IA	260	OLZ	Oelwein															8		
USA	IA	375	CCY	Charles City															5		
USA	IA	397	CIN	Carroll							7										
USA	IA	414	OOA	Oskaloosa															1		

USA	IA	414	SU	Sioux City						6									
USA	IA	417	IY	Charles City				10		8					1				
USA	IA	423	CKP	Cherokee						9									
USA	IA	428	POH	Pocahontas						9									
USA	IA	434	SLB	Storm Lake					7	9									
USA	IA	516	GCT	Guthrie Center						9									
USA	IA	517	FN	Clinton										0					
USA	IA	521	ORC	Orange City						4									
USA	ID	211	HDG	Gooding															10
USA	ID	220	HLE	Hailey															10
USA	ID	333	STI	Mountain Home															10
USA	ID	359	BO	Boise			8					3	3			12			10
USA	IL	209	DKB	DeKalb								18				9			
USA	IL	218	AL	Alton St Louis								18							
USA	IL	230	HSB	Harrisburg								18							
USA	IL	236	CTK	Canton								18							
USA	IL	240	CJ	Springfield								18							
USA	IL	251	JZY	Macomb								18							
USA	IL	254	BDD	Brookport								13							
USA	IL	254	BOZ	Sterling Rockfalls								18							
USA	IL	257	FWC	Fairfield								18				3			
USA	IL	272	IK	Kankanksee								18							
USA	IL	272	OLY	Olney								18							
USA	IL	275	DE	Decatur								14							
USA	IL	275	RF	Rockford								18							
USA	IL	293	UI	Quincy								18							
USA	IL	329	AAA	Lincoln								19							
USA	IL	332	CUL	Carmi								19							
USA	IL	332	DN	Danville								19							
USA	IL	332	HK	Chicago								19							
USA	IL	334	LH	Bloomington								19							
USA	IL	341	PRG	Paris								19							
USA	IL	347	MT	Mattoon Charleston								13							
USA	IL	350	CP	Cahokia								19				4			
USA	IL	356	PI	Peoria								19							
USA	IL	359	CZB	Casey								19							
USA	IL	365	SYZ	Shelbyville								19							
USA	IL	371	LTD	Litchfield								14							

USA	IL	375	LQ	Springfield									19							
USA	IL	379	UG	Waukegan									19							
USA	IL	382	MW	Marion									19							
USA	IL	382	SP	Springfield									19			9				
USA	IL	385	JD	Belleville									19			9				
USA	IL	391	PLX	Robinson									19							
USA	IL	395	TAZ	Taylorville									19							
USA	IL	400	SLO	Salem									19							
USA	IL	407	CM	Champaign									19							
USA	IN	212	DCY	Washington												7				
USA	IN	239	FNZ	Huntingburg												8				
USA	IN	248	HZP	Zionsville												8				
USA	IN	331	JV	Jeffersonville												4				
USA	IN	385	UWL	New Castle												3				
USA	IN	398	HFY	Indianapolis												2				
USA	IN	410	BA	Columbus												1				
USA	IN	417	HHG	Huntington					10			8				1				
USA	IN	521	TVX	Greencastle								9				0				
USA	KS	212	CFV	Coffeyville						5										
USA	KS	281	EWK	Newton								5								
USA	KS	368	IX	Olathe												5				
USA	KS	410	MSB	Iola												1				
USA	KS	420	PK	Olathe								6				1				
USA	KS	526	OJ	Olathe												0				
USA	KY	224	GVA	Henderson					6											
USA	KY	273	FK	Hopkinsville												6				
USA	KY	276	TWT	Sturgis					9							4				
USA	KY	429	IKY	Springfield								5								
USA	LA	278	UX	Sulphur												7				
USA	LA	350	TUF	Ruston						9						4				
USA	LA	368	ROQ	Ruston												5				
USA	LA	385	DR	De Ridder												3				
USA	LA	397	BWK	Bunkie								8				2				
USA	LA	402	IFJ	Winnfield												2				
USA	LA	410	DQU	De Quincy												4				
USA	LA	414	MSD	Mansfield								6				1				
USA	LA	418	CW	Lake Charles								6				1				
USA	MI	206	AP	Alpena										18						

USA	MN	330	PWC	Pine River									10								
USA	MN	335	COQ	Cloquet									10								
USA	MN	337	FF	Fergus Falls									10								
USA	MN	341	ORB	Orr									10								
USA	MN	342	PFT	Pinecreek									10					3			
USA	MN	342	ST	St Cloud									11								
USA	MN	350	BFW	Silver Bay									23								
USA	MN	350	CBG	Cambridge									11								
USA	MN	353	IN	International Falls							6		23								
USA	MN	358	CKC	Grand Marais									23								
USA	MN	360	SW	Warroad									12								
USA	MN	368	PNM	Princeton									12								
USA	MN	371	MD	Bemidji									12								
USA	MN	379	DL	Duluth									12								
USA	MN	379	OW	Owatonna							8		12								
USA	MN	397	AIT	Aitkin									7								
USA	MN	400	PPI	St Paul									7								
USA	MN	420	FQ	Fairmont							9										
USA	MO	248	CG	Cape Girardeau													8				
USA	MO	358	TKX	Kennett													8				
USA	MO	375	CHT	Chillicothe													6				
USA	MO	388	GLY	Clinton													5				
USA	MO	397	JE	Jefferson City													2				
USA	MO	411	HAE	Hannibal							6						1				
USA	MO	416	RN	Kansas City													1				
USA	MS	426	UV	Oxford													3				
USA	MT	251	PWD	Plentywood															10		
USA	MT	269	CII	Choteau																10	
USA	MT	272	MLK	Malta															11		
USA	MT	339	MKR	Glasgow Milk River															3		
USA	MT	347	SBX	Shelby																10	
USA	MT	359	SDY	Sidney															12		
USA	MT	362	RPX	Roundup															8	12	
USA	MT	371	ITU	Great Falls									6							10	
USA	MT	386	HAU	Helena																10	
USA	MT	410	GDV	Glendive															9	3	
USA	MT	521	INE	Missoula															9	10	
USA	NC	198	DIW	Dixon					1	4		2					1	7	0	1	4

USA	NC	216	CLB	Wilmington Carolina Beach					1	5		2	3				6	0				
USA	NC	350	LE	Raleigh														4				
USA	NC	379	BRA	Asheville								7										
USA	NC	432	IZN	Lincolnton														0				
USA	ND	365	AA	Fargo						4												
USA	ND	395	JM	Jamestown								8										
USA	NE	347	AFK	Nebraska City								6										
USA	NE	400	AHQ	Wahoo								6										
USA	NE	510	OF	Norfolk								5										
USA	NE	513	PP	Omaha								4										
USA	NJ	363	RNB	Millville														4				
USA	OH	250	UGS	Albany														8				
USA	OH	411	VFU	Van Wert														1				
USA	OH	414	CSS	Washington Court House														1				
USA	OK	215	TQH	Tahlequah														4				
USA	OK	242	CUH	Cushing								3										
USA	OK	255	SW	Stillwater								6						3				
USA	OK	260	OUN	Norman								4										
USA	OK	264	HN	Shawnee								9										
USA	OK	275	GUY	Guymon													3	5				
USA	OK	375	DW	Tulsa								7										
USA	OK	384	PVJ	Pauls Valley								8										
USA	OK	411	HDL	Holdenville								8						1				
USA	OK	425	PFL	Fort Sill														1				
USA	OK	512	HMY	Lexington								4						0				
USA	OK	515	PN	Ponca City								4										
USA	OK	520	IQS	Sallisaw								4										
USA	OR	201	PEN	Astoria													13	15	20			
USA	OR	204	RMD	McDermitt													1	5	20			
USA	OR	225	LWG	Corvallis													21	15	20		10	
USA	OR	260	EU	Eugene														15	20			
USA	OR	266	SL	Salem														15	20			
USA	OR	296	LGD	La Grande													2	15	20			
USA	OR	305	ONO	Ontario													1	15	20			
USA	OR	332	LBH	Portland													1	15	20			
USA	OR	347	LFA	Klamath Falls (OR/CA?)						10		2						20				
USA	OR	350	ON	Newport													23	15	22			
USA	OR	356	MEF	Medford													1	15	20			

USA TX	280	GZV	Graford											4	14	1		
USA TX	281	CX	Conroe															
USA TX	281	UVA	Uvalde						5					4	14	1		
USA TX	286	EYQ	Houston												14			
USA TX	308	UTS	Huntsville												14			15
USA TX	316	MII	Caddo Mills												14			1
USA TX	320	TY	Tyler												14			1
USA TX	323	GR	Fort Hood Killeen												14			
USA TX	326	BVP	Houston												14			1
USA TX	326	MA	Midland											4	14	1		
USA TX	329	HMA	Hondo						5						14			1
USA TX	329	LXY	Mexia												14			1
USA TX	332	GUO	Georgetown												14			1
USA TX	332	RPF	Carthage															1
USA TX	335	DR	Del Rio												15			1
USA TX	338	HR	Harlingen												15			1
USA TX	338	LSA	Lamesa												15			
USA TX	341	BMQ	Burnet												15			1
USA TX	341	CZJ	Center															1
USA TX	341	DNI	Denison												15			1
USA TX	343	DMD	Carrizo Springs												15			1
USA TX	344	BYY	Bay City												15			
USA TX	344	CGQ	Corsicana												15			10
USA TX	344	GNC	Seminole															10
USA TX	344	JAS	Jasper															1
USA TX	347	HLR	Fort Hood												15			1
USA TX	347	JPA	La Porte															1
USA TX	347	TKB	Kingsville												15			1
USA TX	350	LF	Lufkin												15			1
USA TX	350	OKT	Yoakum												15			1
USA TX	353	AB	Abilene												12			
USA TX	353	BKS	Falfurrias												15			10
USA TX	356	GMZ	Bowie												15			10
USA TX	356	SJ	San Angelo															1
USA TX	358	AC	Waco												15			1
USA TX	359	HHH	Devine												12			1
USA TX	359	SDR	Snyder												15			1
USA TX	365	FT	Fort Worth												12			10

USA	VA	284	PTB	Petersburg																			2	
USA	VA	336	BDB	Melfa Accomack																			12	
USA	VA	351	MSQ	Culpeper																			12	
USA	VA	368	TEC	Blacksburg																			2	
USA	VA	373	AEA	South Hill																			2	
USA	WA	408	MW	Moses Lake			9							5										
USA	WA	515	CL	Port Angeles										12										
USA	WI	242	GM	Milwaukee																	3			
USA	WI	395	OS	Oshkosh																	2			
USA	WI	407	AQ	Appleton																	2			
USA	WI	410	MK	Milwaukee																	1			
USA	WI	412	CMY	Sparta																	1			
VOI	-	360	OX	Iwo Jima																	14			
XOP	-	344	YOL	Volta A Platform, Bass Strait		0																		
Cou	St	kHz	Call	Location	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td

COUNTRIES and STATES / PROVINCES HEARD:

Shows the number of NDBs in each radio country that were logged by each reporter.

The numbers shown in **bold** are reporters' 'Home' loggings.

Numbers in (brackets) show where one or more of the loggings may be less than 2000 km.

Cou	Country	St	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td	
ALS	Alaska (US State)	-				13		2		12	18		3			13	17	27		1	6		
ATG	Antigua and Barbuda	-						1					1	1				1					
AUS	Australia	NN	(1)																				
AUS	Australia	NW	(5)	(5)																			
AUS	Australia	QD	(4)																				
AUS	Australia	SA	16	(1)																			
AUS	Australia	TA		9																			
AUS	Australia	VI	(1)	(11)																			
BAH	Bahamas	-						2			1		2	2			1	2	1	2			
BRA	Brazil	-											1	1				1					

USA	USA	WI																	5				
VOI	Volcano Is. / Iwo Jima	-																	1				
XOP	Offshore - Oceania	-		1																			
Cou	Country	St	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td	

LISTENING TIMES:

Shows the number of NDBs logged by each reporter during the time periods shown (DX and 'Home' combined).

UTC (hh)	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td
00:00 - 00:59		12				9					24					15	2			
01:00 - 01:59						13					16	1		8		18	6	45	1	
02:00 - 02:59			2			26			7		13			2		18	16	9		7
03:00 - 03:59	1		22			26	1	8	13	2	11	16	1	2		30	32	35		7
04:00 - 04:59	14		31				7		23	2	13	24			3	35	1			6
05:00 - 05:59	4		8	13			5		36	6	6	17	1		9	36				10
06:00 - 06:59				5		6	9	7	25	1		15			18	33		7		3
07:00 - 07:59			2	12		7	6	9	26	4		4	5		13	29				2
08:00 - 08:59			3	22		18	4	18	31				3		6	31				
09:00 - 09:59		1	1	18		28	4	10	26	1					4	13				
10:00 - 10:59						15	4	12	3	2			5				19	203		
11:00 - 11:59	1		21			6	7	5			12		3				19			
12:00 - 12:59	5		1			8	3	2			31		5				14		1	5
13:00 - 13:59	2				1	4	6				8			11	5	2	13			4
14:00 - 14:59					1						2			10	5	18	20			1
15:00 - 15:59														1	15	2	18	1		
16:00 - 16:59		6															3			
17:00 - 17:59		8																		
18:00 - 18:59										1	12	4								
19:00 - 19:59										7	19									
20:00 - 20:59									7								13			
21:00 - 21:59									19			15		2		1				
22:00 - 22:59				6								6				1				
23:00 - 23:59											3		3	1						

UTC (hh)	AUS SA b9	AUS TA rw	CAN ON mf	HWA mx	KOR fm	USA AZ dp	USA CA dn	USA CA mh	USA CA pa	USA CO eb	USA IL dt	USA MI ar	USA MN pf	USA OR jw	USA OR mc	USA OR sr	USA TX al	USA TX du	USA UT mu	USA VA td
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WHOLE CLE TIMES: This table shows the number of NDBs logged by each reporter during each hour of the CLE (DX and Home combined).
E.g. 'b9' logged 14 NDBs between 04:00 and 04:59 UTC on 21st Nov.

dd-hh- (UTC)	al	ar	b9	dn	dp	dt	du	eb	fm	jw	mc	mf	mh	mu	mx	pa	pf	rw	sr	td
21 03			1																	
21 04			14																	
21 05			2																	
21 06																				
21 07																				
21 08																				
21 09																				
21 10																				
21 11																				
21 12																				
21 13									1											
21 14									1											
21 15																				
21 16																				
21 17																				
21 18		4				12														
21 19						19														
21 20																7				13
21 21		15								2						19				1
21 22		6													6					1
21 23										1							3			
22 00	2				9	15												12	15	
22 01	4				9	12				7										18
22 02	7				14	3				1		1				7				13
22 03	11	12			21			2				19				10	1			12
22 04		14						2			3	30		6		12				16
22 05		10						6			4	8		10	12	25	1			19
22 06		6						1					4	3	4	13				18
22 07													9	2	8	19				23

24 01	2	1			1	4				1										
24 02	3				2	3													5	7
24 03	2	3				1	20			2					3			10	1	
24 04		3		2		6									4			9		
24 05		4		3		1									7			11		
24 06		7		2			7								2			9		
24 07								4							2			1		
24 08					1										3					
24 09					3							1			3					
24 10	2				3							4								
24 11	2			1		2														
24 12	5					5														
24 13	1				3	4				7										
24 14										2								4		
24 15																				
dd-hh-m-	al	ar	b9	dn	dp	dt	du	eb	fm	jw	mc	mf	mh	mu	mx	pa	pf	rw	sr	td

MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacons' !

Reports of 'Home' beacons are not included. For AUS beacons, please see the main list.

kHz	C/S	Location	St	ITU	Rptr	UTC
339	MKR	Glasgow Milk River	MT	USA	al	03:22
251	PWD	Plentywood	MT	USA	al	10:18
272	MLK	Malta	MT	USA	al	11:58
359	SDY	Sidney	MT	USA	al	12:59
214	YIO	Pond Inlet	NU	CAN	ar	06:56
375	YZG	Salluit	QC	CAN	ar	04:32
348	HN	Honiara	-	SLM	dn	09:27
349	TP	Takapoto	-	TUA	dn	09:21
332	XT	Terrace	BC	CAN	dn	11:32
212	CFV	Coffeyville	KS	USA	dn	05:04
353	PG	Portage La Prairie	MB	CAN	dn	08:56
343	YGO	Gods Lake Narrows	MB	CAN	dn	10:45
224	QM	Moncton	NB	CAN	dn	06:38
365	AA	Fargo	ND	USA	dn	04:07
398	ZQG	Windsor	ON	CAN	dn	04:36

274	Z5	Vulcan	AB	CAN	dp	07:16
207	PY	Fort Chipewyan	AB	CAN	dp	08:21
224	GVA	Henderson	KY	USA	dp	06:21
218	YUY	Rouyn	QC	CAN	dp	01:18
219	ZRS	Regina	SK	CAN	dp	13:04
376	K2	Olds Didsbury	AB	CAN	dt	01:13
251	4O	Swan Hills	AB	CAN	dt	04:10
254	ZYC	Calgary	AB	CAN	dt	11:18
346	N9	Tumbler Ridge	BC	CAN	dt	11:47
293	MB	Mill Bay	BC	CAN	dt	12:09
312	UNT	Naramata Penticton	BC	CAN	dt	12:17
304	ZQM	Riverview Moncton	NB	CAN	dt	03:45
364	2B	Springdale	NL	CAN	dt	00:22
257	YR	Goose Bay	NL	CAN	dt	00:31
367	6F	Port Hope Simpson	NL	CAN	dt	01:28
270	ZNF	St John's	NL	CAN	dt	05:15
229	PD	Port Hawkesbury	NS	CAN	dt	00:08
361	HI	Holman Is	NT	CAN	dt	12:46
254	5B	Summerside	PE	CAN	dt	00:10
515	CL	Port Angeles	WA	USA	dt	12:09
385	ARA	Araracuara	-	CLM	du	06:12
212	FIO	Fiora	-	CTR	du	10:54
353	UHG	Holguin	-	CUB	du	10:54
340	REU	Retalhuleu	-	GTM	du	10:55
370	LMS	San Pedro Sula	-	HND	du	10:54
398	YOD	Cold Lake	AB	CAN	du	03:38
388	3Z	Taber	AB	CAN	du	06:14
311	9Y	Pincher Creek	AB	CAN	du	10:56
230	VG	Vermillion	AB	CAN	du	10:56
221	9A	Hanna	AB	CAN	du	10:56
308	ZZD	Edmonton	AB	CAN	du	10:57
325	YJQ	Bella Bella	BC	CAN	du	10:56
280	V6	Salmon Arm	BC	CAN	du	10:56
364	4D	Helmet	BC	CAN	du	10:56
242	ZT	Port Hardy	BC	CAN	du	10:56
211	HDG	Gooding	ID	USA	du	10:56
333	STI	Mountain Home	ID	USA	du	10:56
220	HLE	Hailey	ID	USA	du	10:56
391	4W	Kelsey	MB	CAN	du	03:38
339	6X	York Landing	MB	CAN	du	10:52
386	4N	Oxford House	MB	CAN	du	10:56

330	2A	South Indian Lake	MB	CAN	du	10:57
386	HAU	Helena	MT	USA	du	10:56
269	CII	Choteau	MT	USA	du	10:57
347	SBX	Shelby	MT	USA	du	10:57
387	6E	Grand Manan	NB	CAN	du	06:31
373	2Q	Mont Laurier	QC	CAN	du	10:52
370	GR	Grindstone Iles de la Madeline	QC	CAN	du	10:52
272	ZMR	Montreal Mirabel	QC	CAN	du	10:52
230	YBM	St Bruno de Guigues	QC	CAN	du	10:52
384	F8	Victoriaville	QC	CAN	du	10:52
386	D8	Dolbeau	QC	CAN	du	10:53
235	9H	La Grande 3	QC	CAN	du	10:53
230	QB	Quebec	QC	CAN	du	10:53
398	3D	Cumberland House	SK	CAN	du	03:39
385	QV	Yorkton	SK	CAN	du	10:53
337	7D	Hudson Bay	SK	CAN	du	10:57
204	ZQR	Regina	SK	CAN	du	10:57
338	HKG	Cape d'Aguilera, Hong Kong	-	CHN	fm	14:40
381	RE	Pyeongtaek	-	KOR	fm	13:55
1737	KUT	Kutubu / Kumul Platform	-	PNG	jw	14:23
277	ACE	Homer	-	ALS	mc	06:19
280	4B	Little Grand Rapids	MB	CAN	mc	06:57
390	AES	Northway	-	ALS	mh	08:05
414	IME	Sitka	-	ALS	mh	09:11
263	3Z	Russel	MB	CAN	mh	08:18
329	PJ	Whitehorse/Robinson	YT	CAN	mh	08:57
529	SQM	Level Island Sumner Strait	-	ALS	mu	13:26
382	GRN	Guerrero Negro	-	MEX	mx	07:59
400	ENS	Ensenada	-	MEX	mx	08:53
229	AKW	Klawock	-	ALS	pa	04:16
415	CBC	Cayman Brac. West End	-	CYM	pa	06:25
305	Z1	Three Hills	AB	CAN	pa	05:34
379	TL	Tallahassee	FL	USA	pa	08:07
230	RDK	Red Oak	IA	USA	pa	04:33
521	ORC	Orange City	IA	USA	pa	04:45
414	SU	Sioux City	IA	USA	pa	06:30
397	CIN	Carroll	IA	USA	pa	07:12
423	CKP	Cherokee	IA	USA	pa	09:03
428	POH	Pocahontas	IA	USA	pa	09:04
516	GCT	Guthrie Center	IA	USA	pa	09:22
281	EWK	Newton	KS	USA	pa	05:00

429	IKY	Springfield	KY	USA	pa	05:45
253	GB	Marshall	MN	USA	pa	04:02
277	OT	Worthington	MN	USA	pa	04:52
284	PQN	Pipestone	MN	USA	pa	08:45
420	FQ	Fairmont	MN	USA	pa	09:00
272	GP	Grand Rapids	MN	USA	pa	09:23
379	BRA	Asheville	NC	USA	pa	07:41
395	JM	Jamestown	ND	USA	pa	08:20
513	PP	Omaha	NE	USA	pa	04:58
510	OF	Norfolk	NE	USA	pa	05:04
347	AFK	Nebraska City	NE	USA	pa	06:24
400	AHQ	Wahoo	NE	USA	pa	06:55
242	CUH	Cushing	OK	USA	pa	03:46
260	OUN	Norman	OK	USA	pa	04:17
520	IQS	Sallisaw	OK	USA	pa	04:47
515	PN	Ponca City	OK	USA	pa	04:52
375	DW	Tulsa	OK	USA	pa	07:27
384	PVJ	Pauls Valley	OK	USA	pa	08:27
264	HN	Shawnee	OK	USA	pa	09:32
344	YOL	Yolta A Platform, Bass Strait	-	XOP	rw	00:38
385	OCC	Yakutat	-	ALS	sr	09:13
404	GCR	Cordova	-	ALS	sr	14:10
376	PVQ	Deadhorse	-	ALS	sr	14:14
272	UTO	Utopia Creek	-	ALS	sr	14:20
263	CQR	Chandalar Lake	-	ALS	sr	14:29
356	FOX	Fox	-	ALS	sr	14:39
338	CMQ	Anchorage	-	ALS	sr	14:45
257	CUN	Fairbanks	-	ALS	sr	14:49
445	LS	Harbin Shuiquan	-	CHN	sr	15:01
210	CLO	Cali	-	CLM	sr	04:34
375	OJ	Hasanuddin	-	INS	sr	14:52
214	XA	Oshima	-	JPN	sr	08:47
390	HK	Kagoshima	-	JPN	sr	14:18
373	PQ	Tateyama	-	JPN	sr	14:51
257	CI	Chichijima	-	JPN	sr	15:12
214	CHX	Choix Sinaloa	-	MEX	sr	04:43
359	NDJ	Kwajalein	-	MHL	sr	14:09
316	MAJ	Majuro Atoll	-	MHL	sr	14:37
377.5	MO	Moorea	-	OCE	sr	09:01
284.5	MH	Manihi Atoll	-	TUA	sr	08:19
415	KW	Hengchun	-	TWN	sr	14:58

360	OX	Iwo Jima	-	VOI	sr	14:10
212	OZ	Fort Rucker	AL	USA	sr	04:39
385	HO	Hot Springs	AR	USA	sr	03:11
263	RO	Rogers	AR	USA	sr	03:47
350	IUI	Blytheville	AR	USA	sr	04:55
257	SQT	Melbourne	FL	USA	sr	06:19
344	JA	Jacksonville	FL	USA	sr	08:13
385	EMR	Augusta	GA	USA	sr	03:12
219	AY	Waycross	GA	USA	sr	04:55
415	DJD	Canton	GA	USA	sr	05:34
517	FN	Clinton	IA	USA	sr	00:28
414	OOA	Oskaloosa	IA	USA	sr	01:32
257	PEA	Pella	IA	USA	sr	03:32
375	CCY	Charles City	IA	USA	sr	05:12
260	OLZ	Oelwein	IA	USA	sr	08:40
410	BA	Columbus	IN	USA	sr	01:52
398	HFY	Indianapolis	IN	USA	sr	02:32
385	UWL	New Castle	IN	USA	sr	03:15
331	JV	Jeffersonville	IN	USA	sr	04:22
212	DCY	Washington	IN	USA	sr	07:28
248	HZP	Zionsville	IN	USA	sr	08:09
239	FNZ	Huntingburg	IN	USA	sr	08:30
526	OJ	Olathe	KS	USA	sr	00:46
410	MSB	Iola	KS	USA	sr	01:48
368	IX	Olathe	KS	USA	sr	05:07
273	FK	Hopkinsville	KY	USA	sr	06:57
402	IFJ	Winnfield	LA	USA	sr	02:18
385	DR	De Ridder	LA	USA	sr	03:09
410	DQU	De Quincy	LA	USA	sr	04:00
368	ROQ	Ruston	LA	USA	sr	05:03
278	UX	Sulphur	LA	USA	sr	07:09
416	RN	Kansas City	MO	USA	sr	01:23
397	JE	Jefferson City	MO	USA	sr	02:56
388	GLY	Clinton	MO	USA	sr	05:30
375	CHT	Chillicothe	MO	USA	sr	06:29
248	CG	Cape Girardeau	MO	USA	sr	08:01
358	TKX	Kennett	MO	USA	sr	08:48
426	UV	Oxford	MS	USA	sr	03:31
432	IZN	Lincolnton	NC	USA	sr	00:54
350	LE	Raleigh	NC	USA	sr	04:53
363	RNB	Millville	NJ	USA	sr	04:47

396	JC	Rigolet	NL	CAN	sr	05:21
335	YUT	Repulse Bay	NU	CAN	sr	02:48
414	CSS	Washington Court House	OH	USA	sr	01:31
411	VFU	Van Wert	OH	USA	sr	01:46
250	UGS	Albany	OH	USA	sr	08:12
425	PFL	Fort Sill	OK	USA	sr	01:03
215	TQH	Tahlequah	OK	USA	sr	04:52
213	YRC	Chicoutimi	QC	CAN	sr	04:45
276	YHR	Chevery	QC	CAN	sr	07:05
343	ZBM	Bromont	QC	CAN	sr	08:28
329	CH	Charleston	SC	USA	sr	04:14
248	FRT	Spartanburg	SC	USA	sr	07:57
255	FYE	Somerville	TN	USA	sr	03:24
365	PBC	Columbia	TN	USA	sr	04:44
263	DYQ	Greenville	TN	USA	sr	06:30
358	TNY	Fayetteville	TN	USA	sr	08:47
412	CMY	Sparta	WI	USA	sr	01:42
410	MK	Milwaukee	WI	USA	sr	01:53
407	AQ	Appleton	WI	USA	sr	02:06
395	OS	Oshkosh	WI	USA	sr	02:49
242	GM	Milwaukee	WI	USA	sr	03:27
kHz	C/S	Location	St	ITU	Rptr	UTC

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE 74 DX and 'Home' Christmas - New Year 2005/6

NOW: CLE111 DX and 'Home' 21 - 24 Nov. 2008

Listener	Av km	Av km	Total	Total	NDBs	NDBs	Max	Max
	THEN	NOW	km x 1000 THEN	km x 1000 NOW	THEN	NOW	km THEN	km NOW
USA AZ dp	2703	2761	578	458	214	166	6569	6569
USA CA pa	2203	2556	293	552	133	216	7263	7263
USA IL dt	1351	2257	92	384	68	170	4995	8398
USA MI ar	1726	2076	145	212	84	102	5855	8122

USA OR jw	4258	3048	72	113	17	37	8494	10747
USA OR mc	2849	2507	91	196	32	78	8307	7611
USA OR sr	2878	3276	558	966	194	295	8980	12902
Averages:	2567	2640	261	411	106	152	7209	8802
% Increase:		3		57		43		22

Av. km = Average distance from listener to NDB for all their loggings
 Total km = Sum of distances from listener to NDBs for all their loggings
 NDBs = Number of NDBs logged
 Max km = Maximum distance from listener to an NDB they logged

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

The table shows statistics for all the listeners who took part in both the events. The bottom lines compare the general conditions found during the two events.

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

'TAB's Trans-Atlantic Beacons

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

kHz	C/S	Location	cou	CZE ze	DEU hw	DEU je	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG me	ENG mt	ENG py	FIN jt	FRA jj	FRA pp	FRA vi	HOL rb	NOR tb	SWE tn	cou
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369	ZDX	Saint Johns	ATG			05				06	02			04				06	06			ATG
376	ZIN	Great Inagua Matthew Town	BAH			05			03					04				06	05			BAH
526	ZLS	Stella Maris	BAH		06													06	06			BAH
275	MSS	Mossoro	BRA											01								BRA
350	STM	Santarem	BRA											23					06			BRA
365	CVL	Caravelas	BRA											23					03			BRA
520	BHZ	Belo Horizonte	BRA											23								BRA
1700	CRJ	Carajas	BRA	01										02								BRA
345	BGI	Bridgetown	BRB								01			00				06	06			BRB
212	SJ	Saint John, NB	CAN						03													CAN
214	YIO	Pond Inlet, NU	CAN		23				03										03			CAN
220	BX	Blanc Sablon, QC	CAN		02					23	00					02		23	23			CAN
250	YMH	Mary's Harbour, NL	CAN														08					CAN
256	YCY	Clyde River, NU	CAN		23	02								00								CAN
263	QY	Sydney, NS	CAN		23	06			03	23	00	05		22		06	06	06	23	03		CAN
273	ZV	Sept-Iles, QC	CAN		02					06									00			CAN
276	YHR	Chevery, QC	CAN		23	02			03	22	00	22	23	22		06		06	23			CAN
280	QX	Gander, NL	CAN		23	06			03	00	00	22		23		01		06	23	23		CAN
281	CA	Cartwright, NL	CAN		23	00			03	00	00	22		23		01	06	06	21	23		CAN
305	LT	Alert, NU	CAN		23	00				00			19	23	00				23		23	CAN
305	YQ	Churchill, MB	CAN		02														00			CAN
323	UWP	Argentia, NL	CAN		00	05			03	06				23		04			07	21		CAN
326	FC	Fredericton, NB	CAN						03					23								CAN
329	YEK	Arviat Eskimo Pt, NU	CAN																06			CAN
332	YFM	La Grande 4, QC	CAN		00			06				05						06	06			CAN
332	YTE	Cape Dorset, NU	CAN								00											CAN
339	YFT	Makkovik, NL	CAN						03	07		07							07			CAN
340	YY	Mont Joli, QC	CAN		23	05		01	03	22	01	05	23	23		01		06	21			CAN
346	1D	Charlottetown, NL	CAN																06			CAN
350	DF	Deer Lake, NL	CAN	05	23	01	04	22	03	21	00	22	22	22		02	21	06	20	09		CAN
356	AY	St. Anthony, NL	CAN		22	02	00	01	03	22	00	22	22	23		01		06	20			CAN
358	NL	St. Johns Signal Hill, NL	CAN																06			CAN
360	PN	Port Menier Anticosti I., QC	CAN						03	07		07						06	07			CAN
362	YZS	Coral Harbour, NU	CAN																06			CAN

364	2B	Springdale, NL	CAN		00	04			03		23			23				06	07				CAN
366	YMW	Maniwaki, QC	CAN						03										06				CAN
370	GR	Grindstone, QC	CAN						03	06				23				06	06				CAN
372	YCO	Kugluktuk (Coppermine), NU	CAN																00				CAN
373	1A	Williams Harbor, NL	CAN						03										06				CAN
373	YXK	Rimouski, QC	CAN																06				CAN
378	HO	Hopedale, NL	CAN		22			04	03	22	02	06		23		02	06	06	21				CAN
378	RJ	Roberval, QC	CAN																06				CAN
378	UX	Hall Beach, NU	CAN		23			01			23	22			00				06				CAN
390	JT	Stephenville, NL	CAN		03	01			03	20	02	22	22	22		05		06	00	00			CAN
392	ML	Charlevoix, QC	CAN		23	06			03	06				23				06	06				CAN
396	JC	Rigolet, NL	CAN		22	01	23	01	03	20	02	23	22			22	21	06	20				CAN
404	YSL	St. Leonard, NB	CAN						03	07				23				08	06				CAN
520	F9	Miramichi Chatham, NB	CAN						03	04								07					CAN
344	ZIY	Grand Cayman Georgetown	CYM											04				07					CYM
450	PPA	Puerto Plata	DOM			04													07				DOM
372	OZN	Prins Christian Sund	GRL	01	22	03	19	22	03	20	00	22	22	21	23	22	21	21	17	11			GRL
382	SF	Sondre Kangerlussuaq	GRL																19				GRL
399	UP	Upernavik	GRL																23				GRL
391	DDP	San Juan Dorado	PTR	05	03	03	22	05	03	22	23	06		23	23	02		08	23	22			PTR
387	SPP	San Andres	SAP		04				03					04				06	06	03			SAP
216	CLB	Wilmington Carolina Bch, NC	USA								00								00				USA
kHz	C/S	Location	cou	CZE ze	DEU hw	DEU je	DEU mo	DEU mz	ENG ag	ENG bk	ENG ds	ENG me	ENG mt	ENG py	FIN jt	FRA jj	FRA pp	FRA vl	HOL rb	NOR tb	SWE tn	cou	

CLE111a5.xls
bk 26 Nov. 2008